FORM PTO-1390			U.S. DEPARTMENT C	OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTO MEY'S DOCKET NUMBER			
(REV 11-2000)			NOMITTAL LETTE	R TO THE UNITED STATES	124-932 U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)			
				CTED OFFICE (DO/EO/US)	,			
		C	ONCERNING A FIL	ING UNDER 35 U.S.C. 371	10/088,679			
INTE			APPLICATION NO. 300/03545	INTERNATIONAL FILING DATE 15/09/2000	PRIORITY DATE CLAIMED 21/09/1999			
TITL	E OF	INVEN	TION	LIQUID CRYSTAL COMPOUND	ne			
				EIQUID CRISTAL COMPOUND				
APF	PLICA	NT(S) F	OR DO/EO/US	GOODBY, J. et al.	•			
App	licant	herewit	h submits to the Unite	ed States Designated/Elected Office (DO/EO/U	US) the following items and other information:			
1.		This is	a FIRST submission	of items concerning a filing under 35 U.S.C. 3	371.			
2.	\boxtimes	This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.						
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.		The U	S. has been elected i	by the expiration of 19 months from the priority	y date (Article 31).			
5.	A cc	py of th	e International Applic	ation as filed (35 U.S.C. 371(c)(2)).				
	a.	☐ is	s attached hereto (req	uired only if not communicated by the Interna	tional Bureau).			
	b.	has been communicated by the International Bureau.						
	C. ,	☐ is	s not required, as the	application was filed in the United States Rec	eiving Office (RO/US).			
6.		An En	glish language transla	ation of the International Application as filed (3	5 U.S.C. 371(c)(2)).			
	a.	is attached hereto.						
	b.	□ h	as been previously s	ubmitted under 35 U.S.C. 154(d)(4).				
7.			•	of the International Application under PCT Arti	cle 19 (35 U.S.C. 371(c)(3))			
	a.	are attached hereto (required only if not communicated by the International Bureau).						
	b.	_	•	ated by the International Bureau.	,			
	C.	_		nowever, the time limit for making such amend	dments has NOT expired.			
	đ.		ave not been made a	-	·			
8.	П	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.								
10.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). A English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
	Item	ıs 11 Tc	20 below concern	document(s) or information included:				
11.		An Info	ormation Disclosure S	statement under 37 C.F.R. 1.97 and 1.98.				
12.	\boxtimes	An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.						
13.		A FIRST preliminary amendment.						
14.		A SECOND or SUBSEQUENT preliminary amendment.						
15.		A substitute specification.						
16.		A change of power of attorney and/or address letter.						
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.						
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).						
19.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						

20. Other items or information.

,	S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) INTERNATIONAL APPLICATION NO.				ATTORNEY'S DOCKET NUMBER 124-932					
10/088,679 PCT/GB00/03545 21. ☑ The following fees are submitted:						CALCULATIONS PTO USE ONLY				
)-(5):			۲	-LOOD (IIO IIO			
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1040.00										
			7 C.F.R. 1.482) not paid to pared by the EPO or JPO		. \$890.00					
USPTO but International Search Report prepared by the EPO or JPO\$890.00 International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO\$740.00										
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)										
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00										
			ENTER APPROPRIATE	BASIC FEI	E AMOUNT =	\$	0.00			
Surcharge of \$130.00 fo months from the earliest			claration later than 20 C.F.R. 1.492(e)).	□ 30		\$	0.00			
CLAIMS	NUMBER F	FILED	NUMBER EXTRA		ATE					
Total Claims	20	-20 =	0	X	\$18.00	\$	0.00	Щ		
Independent Claims	3	-3 =	0	X	\$84.00 80.00		0.00	-		
MULTIPLE DEPENDEN	1 CLAIMS(S) (II	гаррисавіє	TOTAL OF AB			\$ \$	0.00 0.00	├		
		s. See 37 (CFR 1.27. The fees indica		OLATIONS -	"				
are reduced by 1/2	•				NIDTOTAL -	L	0.00	<u> </u>		
Processing fee of \$130.0	00. for furnishing	the Englis	sh Translation later than		SUBTOTAL =	\$	0.00	<u> </u>		
months from the earliest			C.F.R. 1.492(f)).	+	ONIAL EEE		0.00	<u> </u>		
F - f	-1				ONAL FEE =	\$	0.00	├		
			F.R. 1.21(h)). The assignm .F.R. 3.28, 3.31). \$40.00 _I			\$	40.00			
accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + Fee for Petition to Revive Unintentionally Abandoned Application (\$1280.00 – Small Entity = \$640.00)						\$	0.00			
			TOT	AL FEES E	NCLOSED =	\$	40.00			
						ΙA	mount to be:			
						-	refunded Charged	\$		
<u> </u>				· · · · · · · · · · · · · · · · · · ·		<u> </u>	Charged	Ψ.	<u> </u>	
 a. \(\sumeta \) A check in the amount of \$40.00 to cover the above fees is enclosed. b. \(\sumeta \) Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees. A duplicate copy of this form is enclosed. c. \(\sumeta \) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. \(\sumeta \) The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application. 										
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.										
SEND ALL CORRESPONDENCE TO:										
NIXON & VANDERHYE P.C.										
1100 North Glebe Road, 8 th Floor										
Arlington, Virginia 22201-4714 Telephone: (703) 816-4000 Arthur R. Crawford										
ARC:eaw NAME										_
25,327 REGISTRATION NUMBE					-	June 24, 20	<u>)02</u> _			
Ī				KEGIST	KATION NUMBI	:K	Date			





UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT United States Patent and Trademark Office Washington, D.C. 20231

U.S. APPLICATION NUMBER NO),		FIRST NAMED APPLICANT	ATTY, DOCKET NO.			
10/088,679			John William Goodby	124-932			
24.22.4		DOCK	INTERNATIONAL APPLICATION NO.				
			6.0.0	PCT/GB00/03545			
Nixon & Vanderhye	CLT/M	ATTER #_	124-432	I.A. FIL	ING DATE	PRIORITY DATE	
1100 North Glebe Road	MAIL	DATE	5-10-02		5/2000	09/21/1999	
8th Floor Arlington, VA 22201-4714		OATE DEADLINE ŒTED BY_	July 10 2002 = Dec 10, 2008 parl Mrs.	371 FORM	MALITIES I	MATION NO. 4828 LETTER	

Date Mailed: 05/10/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Information Disclosure Statements
- Request for Immediate Examination

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

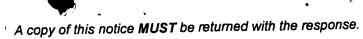
• Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)





SHAKEEL AHMED

Telephone: (703) 305-3659

PART 1 - ATTORNEY/APPLICANT COPY

		7
U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY, DOCKET NO.
U.S. AFFEICATION NO. III. ELECTRON	DOT/CD00/02545	124-932
10/088.679	PCT/GB00/03545	1247

FORM PCT/DO/EO/905 (371 Formalities Notice)